The Tally System 100 is a compact, reliable low-cost desk top unit that will transmit data from five or eight channel paper tape at speeds of 60 characters per second over ordinary telephone lines. It is extremely quiet in operation and highly reliable (only five internal moving parts). Its low cost and simple operation make it ideal for multiple installations reporting to a central accounting or computing facility.
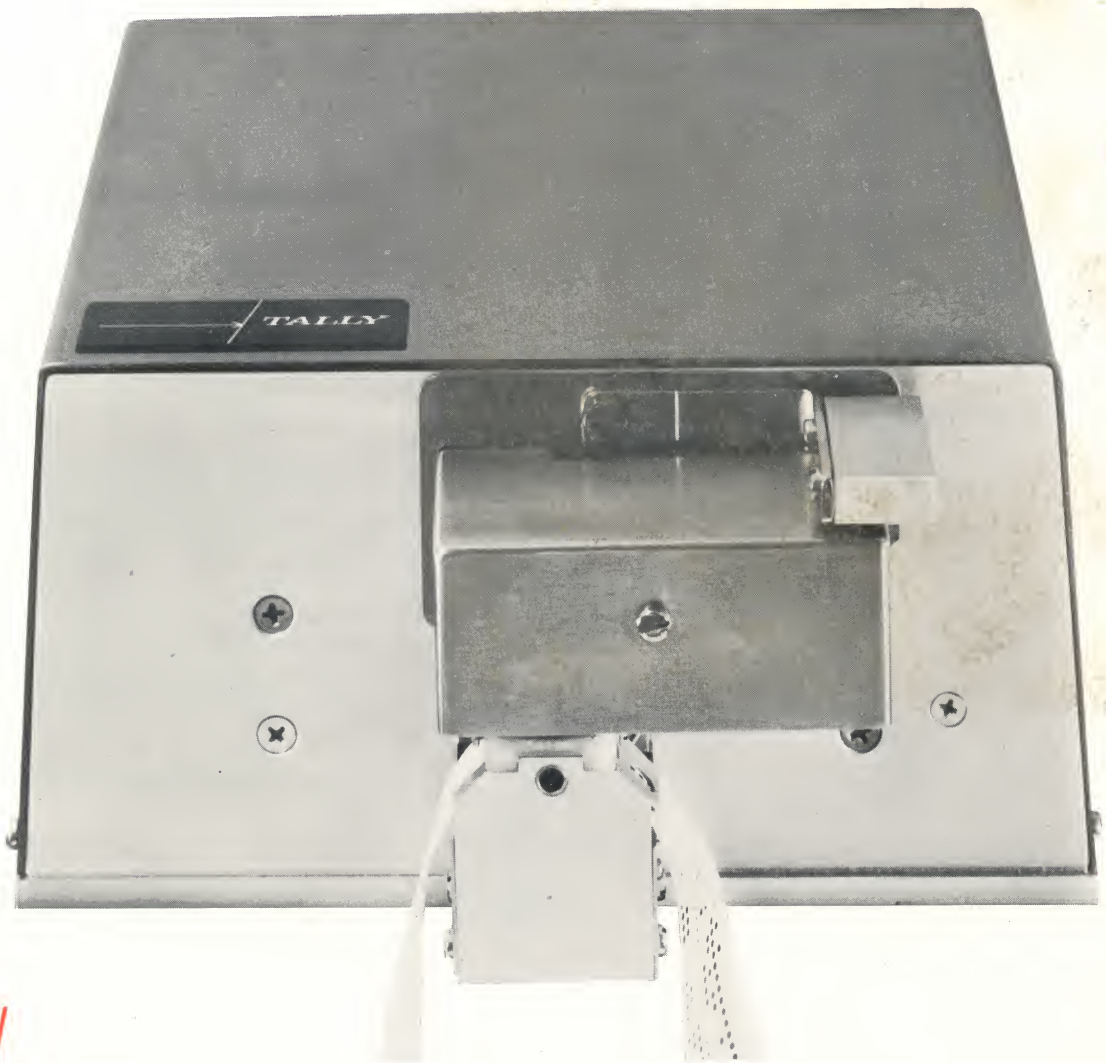
TALLY

BUSINESS COMMUNICATIONS SYSTEM 100 TRANSMITTER
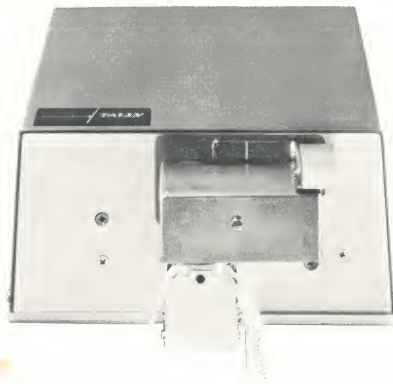
An end-of-tape switch is provided on the System 100 transmitter which provides automatic shut-off when the end of the tape reaches the reader. This is wired in series with the "data" button on the Bell System data set so the System 100 will not start until tape is loaded and the "data" button actuated. Separate tape handling units (unwinder and winder) may be used when required.

Specifications—System 100

Speed—600 words per minute (60 characters per second).

Code Requirements—Any code format may be transmitted. Five and eight level tapes may be used interchangeably.

Tape Requirements—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Power Requirements—115 volt AC ±10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—8¾ inches wide, 4¾ inches high, and 11¼ inches deep. Weight approximately 8 pounds.

Data Set Required—Bell System 402A or 402C or equivalent.
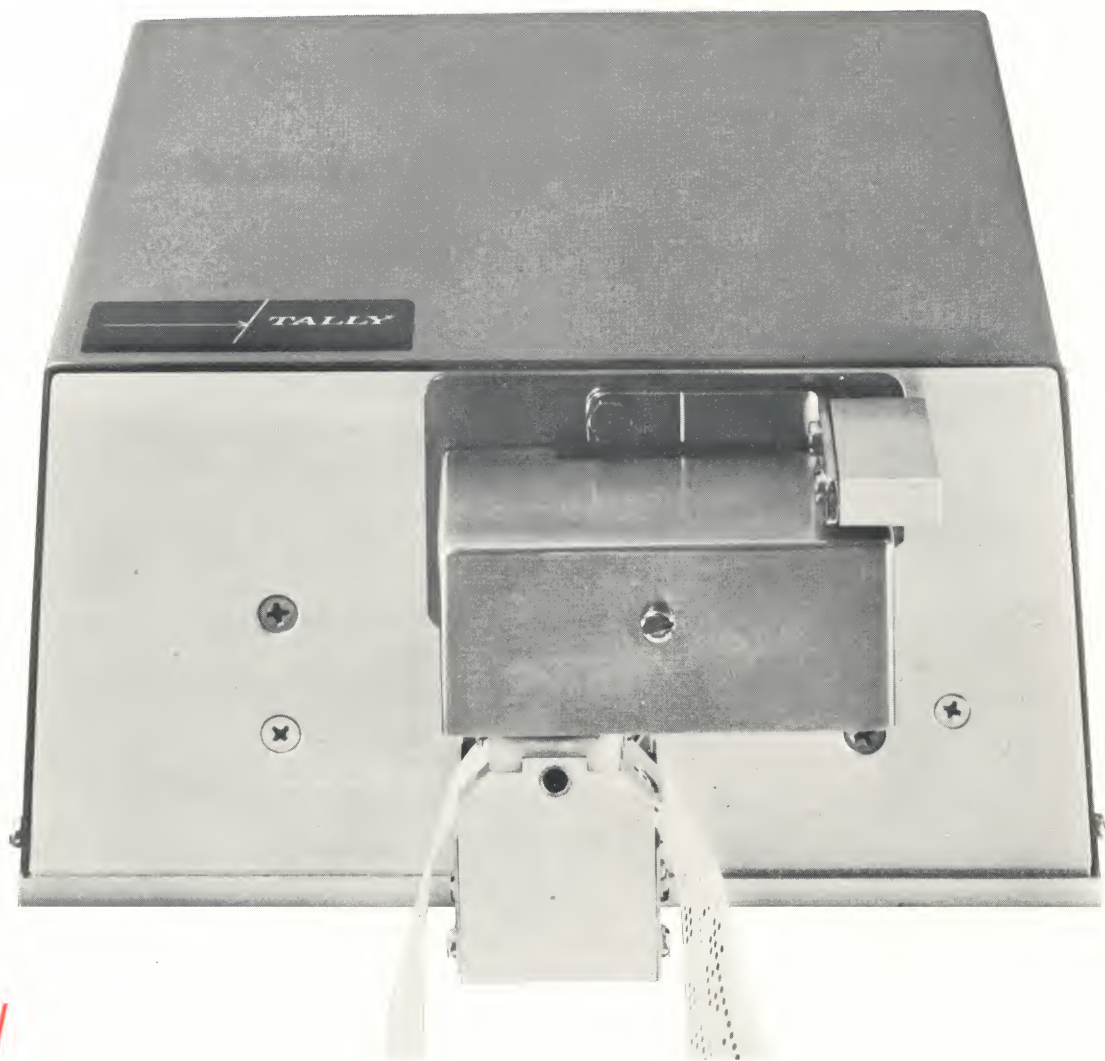
Options—230 volt, 50 cycle power.

Specifications Subject to Change Without Notice.

TALLY

The Tally System 102 transmitter is a compact, low cost desk top unit for transmitting five or eight level perforated tape data at 600 words per minute over ordinary phone lines. It is extremely quiet and reliable, simple to install and can be operated either manually or automatically (unattended).

TALLY

BUSINESS COMMUNICATIONS SYSTEM 102 TRANSMITTER

The Tally System 102 transmitter is a compact, low cost desk top unit for transmitting five or eight level perforated tape data at 600 words per minute over ordinary phone lines. It is extremely quiet and reliable, simple to install and can be operated either manually or automatically (unattended).
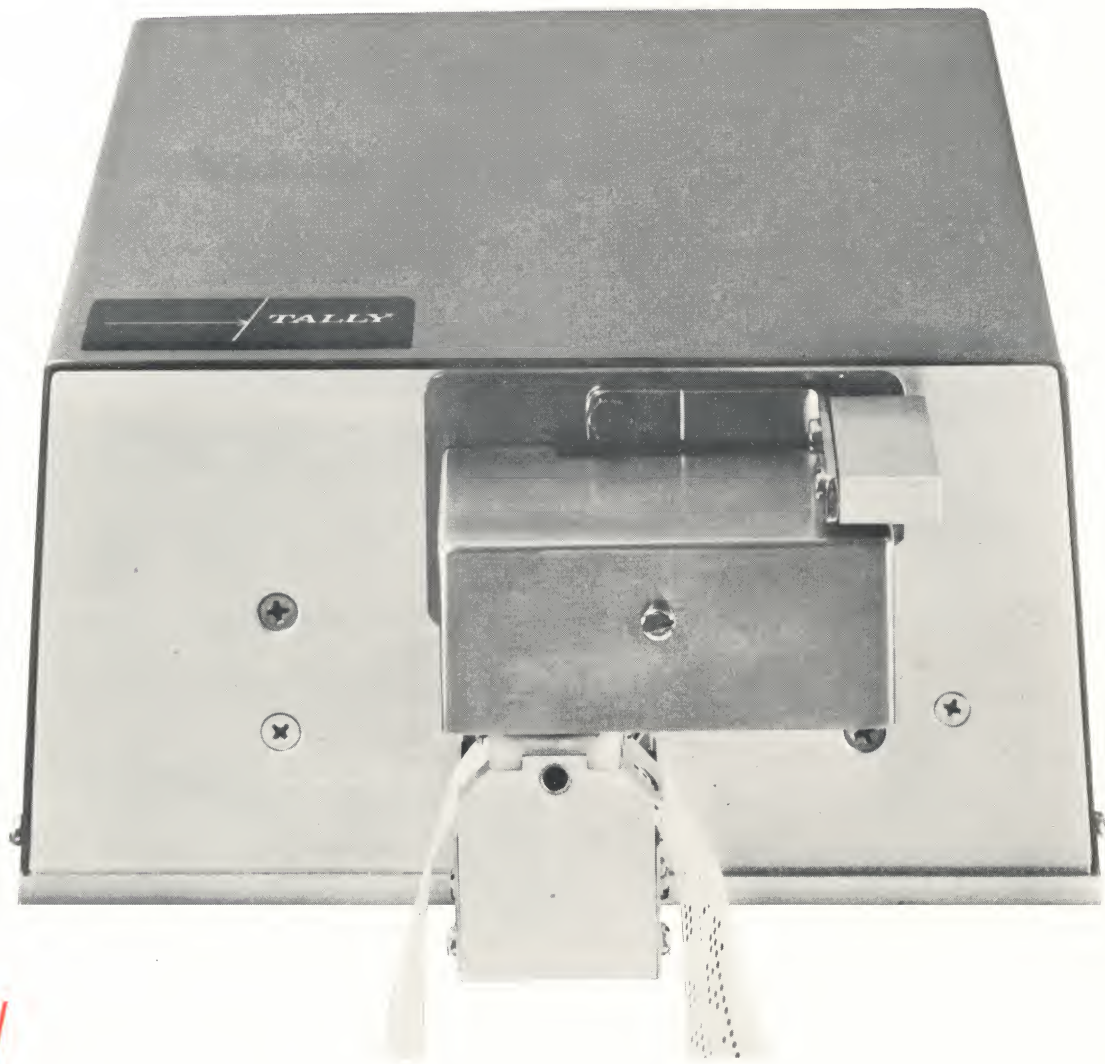

TALLY

BUSINESS COMMUNICATIONS SYSTEM 102 TRANSMITTER

Manual or fully automatic operation is a feature of the Tally System 102 transmitter. In the automatic mode it will answer an incoming call, verify that an authorized receiver is requesting data, and transmit the tape. An end-of-tape switch is provided to shut off the transmitter and hang up the call when the end of the tape reaches the reader. Manual operation requires the operator to merely answer the incoming call and select "data." Separate tape handling units (Unwinder and Winder) may be used when required.

Specifications—System 102

Speed—600 words per minute (60 characters per second).

Code Requirements—Any code format may be transmitted. Both five and eight level tapes may be used interchangeably.

Tape Requirements—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Power Requirements—115 volt AC $\pm$10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—8¾ inches wide, 4¾ inches high, and 11¼ inches deep. Weight approximately 8 pounds.

Data Set Required—Bell System 402C or equivalent.

Options—230 volt, 50 cycle power.

Specifications Subject to Change Without Notice.

The Tally System 108 Transmitter is the most advanced approach to easy to use, highly reliable, low cost data communications. Simple to install, the System 108 uses ordinary dial telephone networks to transmit data at 600 words per minute.

Operation is easy. Data tapes can be loaded in the System 108 just as they come from the source machine. The last character to be punched is the first character to be transmitted. This eliminates the usual, time consuming rewind operation.

TALLY

BUSINESS COMMUNICATIONS SYSTEM 108 TRANSMITTER

Combining a unique retransmit capability for error control with high transmission speeds (120 characters per second), the Tally System 111 provides the ultimate in fast, reliable data transmission. Simplicity of operation and installation, utmost reliability are additional features that make the System 111 truly today's best buy in its field.

TALLY

BUSINESS COMMUNICATIONS SYSTEM 111 TRANSMITTER

The Tally System 200 couples simplicity of operation with low price to provide unequalled economy in a desk top console receiver. It utilizes the highly dependable Tally perforator and accepts transmitted data at speeds of 600 words per minute over ordinary dial telephone lines. Source data is received in parallel format assuring consistant reliability and accuracy.
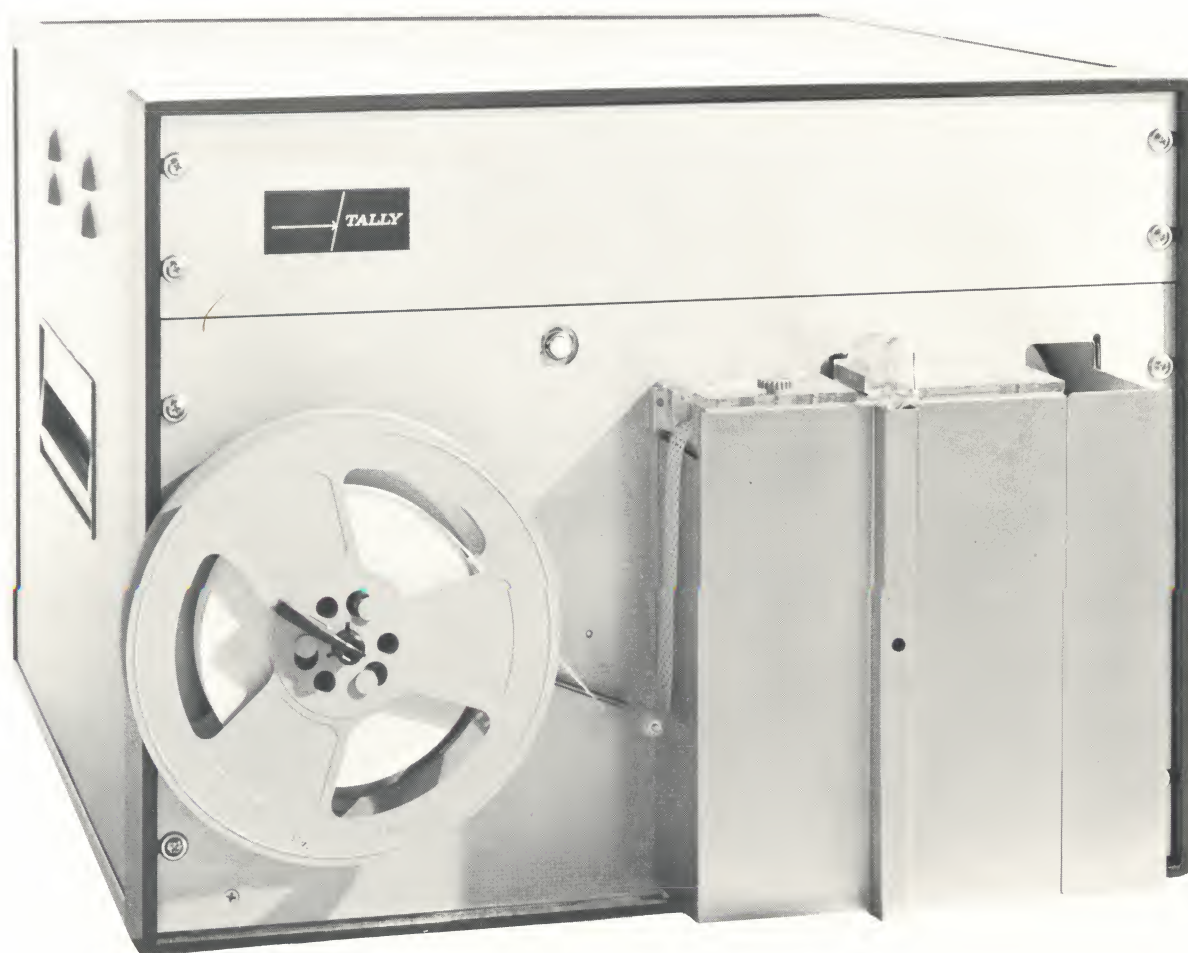
TALLY

BUSINESS COMMUNICATIONS SYSTEM 2OO RECEIVER

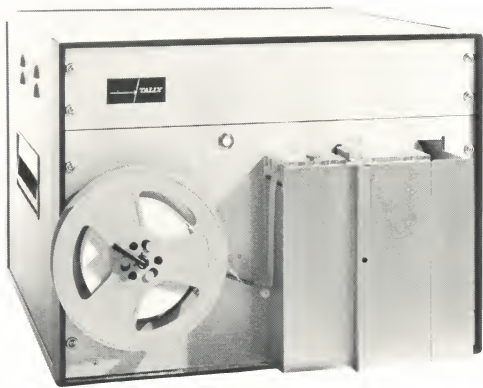At the beginning of each transmission, the System 200 is turned on by receiving an "all space" signal from the transmitter. The all space signal is generated at the transmitter by sending a foot or so of blank (sprocket holes only) tape before the data. Once started, the System 200 continues to receive data at the full 600-word-per-minute rate without further operator attention. At the completion of the transmission the tape is "buzzed" out of the perforator with a single push button.

Specifications—System 200

Speed—600 words per minute (60 characters per second).

Code Requirements—None; any code structure, odd, even, or no parity may be used.

Tape Requirements—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Tape Handling—Supply and take-up reeling for up to 1,000 feet of tape. The received tape is wound counterclockwise, when facing the system, with the narrow three-hole edge of the tape out. Reloading takes less than 30 seconds.

Power Requirements—115 volt AC $\pm$ 10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—20 inches wide, 15 inches high, and 22 inches deep. Weight approximately 75 pounds.

Data Set—Bell System 402D or equivalent.

Compatible Systems—System 200 will receive from Systems 100 or 300.

Options—230 volt, 50 cycle power.

Specifications Subject to Change Without Notice

TALLY

Perfect companion to Tally high speed Systems 101, 111, 301 and 311 transmitters, this compact desk top unit receives 120 characters per second (1200 words per minute).

Received data may be punched in either 5 or 8 level paper tape interchangeably; any code structure may be used. Either manual or completely automatic operation may be selected.
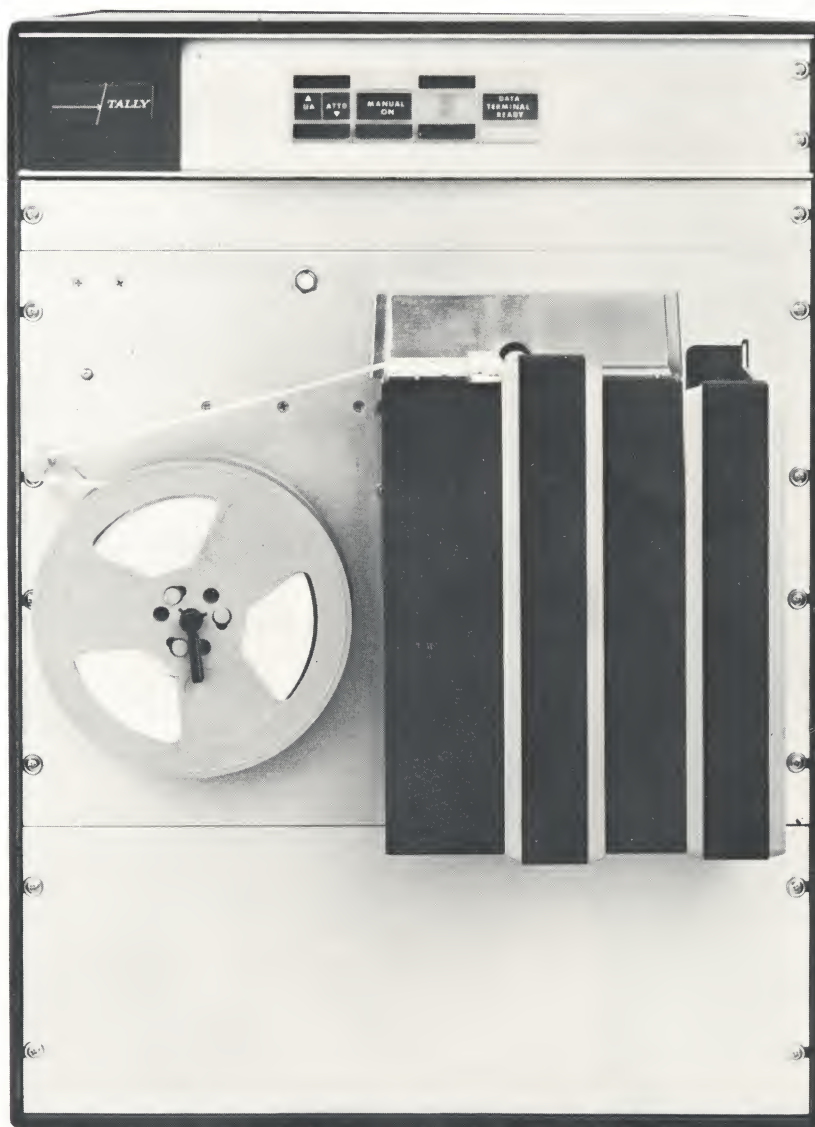
TALLY®

BUSINESS COMMUNICATIONS SYSTEM 201 RECEIVER
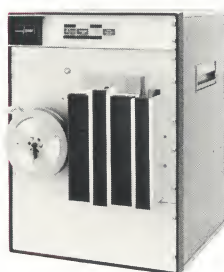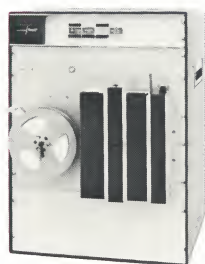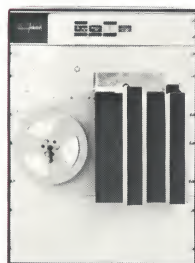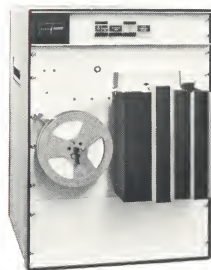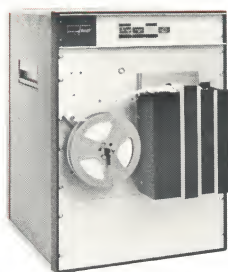
Incoming calls to the System 201 may be handled either manually or automatically. The system may be selected to answer your call, verify that an authorized transmitter is calling and receive data completely without your attention. At the end of automatic receiving, the System 201 will turn itself off and hang up the call.

The System 201 perforator tape supply is simple to reload, requiring less than 30 seconds for the complete operation.

Specifications—System 201

Speed—1200 words per minute (120 characters per second).

Code Requirements—None; any code structure, odd, even, or no parity may be used.

Tape Requirements—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Tape Handling—Supply and take-up reeling for up to 1,000 feet of tape. The received tape is wound counterclockwise, when facing the unit, with the narrow, three-hole edge of the tape out. Reloading takes less than 30 seconds.

Power Requirements—115 volt AC ±10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—20 inches wide, 27 inches high, and 22 inches deep. Weight approximately 150 pounds.

Data Set Required—Bell System 202C-2 or equivalent.

Compatible Systems—System 201 will receive from Systems 101, 111, 301 and 311.

OPTIONS:

1. Installation in stand-up floor console.

2. Ability to receive from any Tally 60-character-per-second "parallel" transmitter.

3. Features for foreign installation including 230 volt, 50 cycle power and 600/1200 Baud speed selection.

4. 3,000 foot tape supply. (Requires stand-up floor console.)

Specifications Subject to Change Without Notice.

The Tally System 211
Receiver combines high
speed with a unique error
control capability to offer
the utmost in fast, error-
free data gathering over
ordinary telephone lines.

Easy "plug-in" installation,
simple manual or auto-
matic operation and high
reliability are additional
features that make the
System 211 a favorite in
business communications.

TALLY®

BUSINESS COMMUNICATIONS SYSTEM 211 RECEIVER

The Tally System 300 Send/ Receive terminal is an extremely versatile paper tape data communications center. It not only sends and receives data at the rate of 600 words per minute, but may also be used off-line as a tape duplicator. Another valuable feature is a built-in parity checking feature to assure complete accuracy of data sent or received.
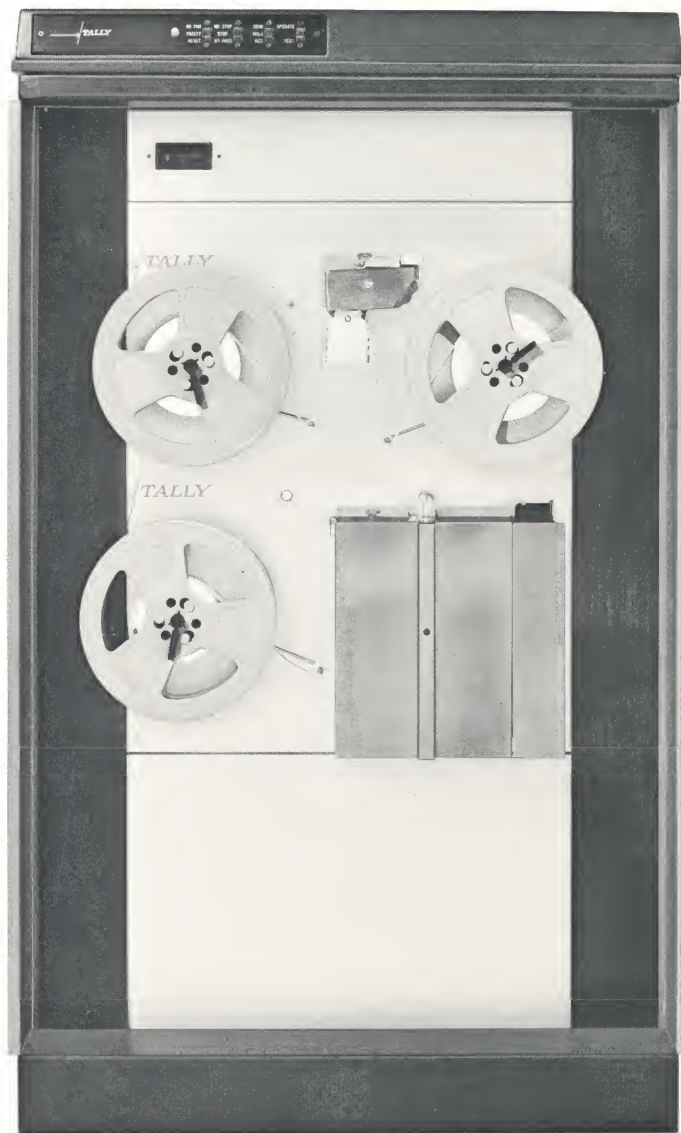
TALLY

BUSINESS COMMUNICATIONS SYSTEM 300 SEND/RECEIVE TERMINAL

The Tally System 301 is an economical data terminal for transmitting or receiving paper tape data at 1200 words per minute over ordinary phone lines. It offers the advantages of low cost, simple manual or fully automatic operation, complete system self-checking, and versatility—it may be used off-line for tape duplication when desired.

TALLY

The Tally System 311
Send/Receive Terminal is
the most versatile perforated
tape data station available.
It transmits or receives
data at speeds of 1200
words per minute over
ordinary dial telephone
lines, will operate completely
unattended, detects and
deletes errors, and can
be used for off-line
tape duplication and
editing in its spare time.
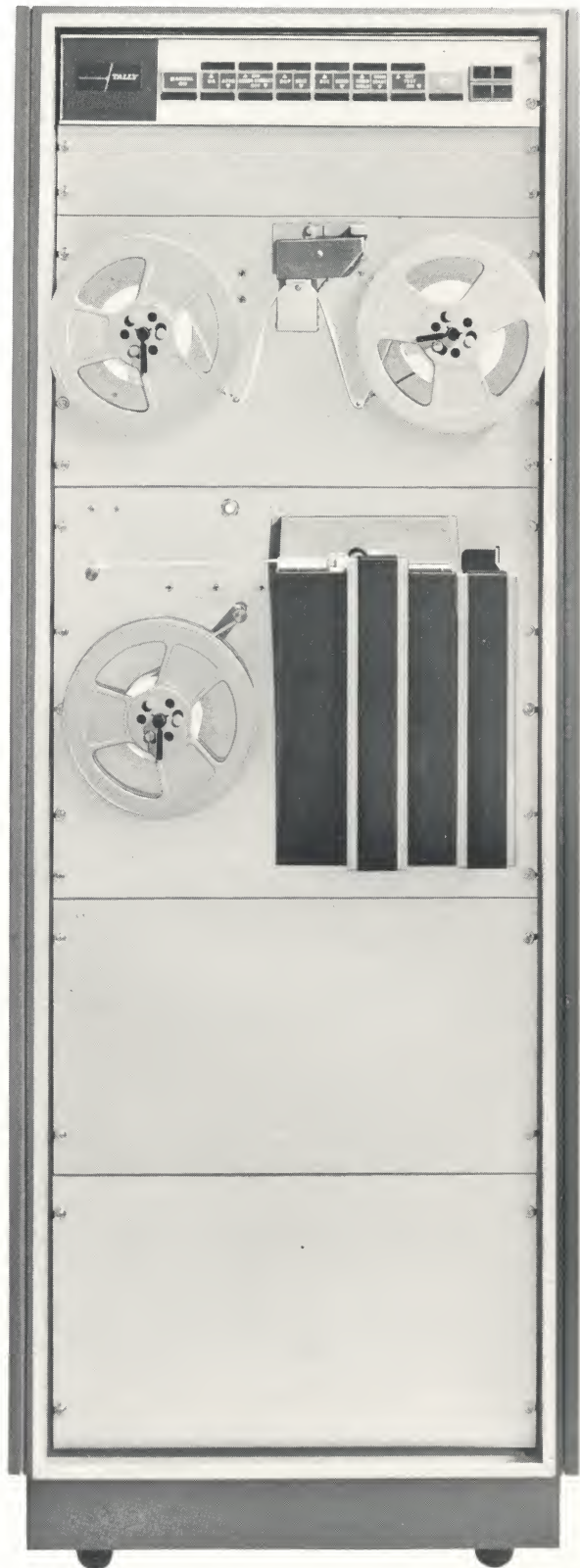
TALLY

BUSINESS COMMUNICATIONS SYSTEM 311 SEND / RECEIVE TERMINAL
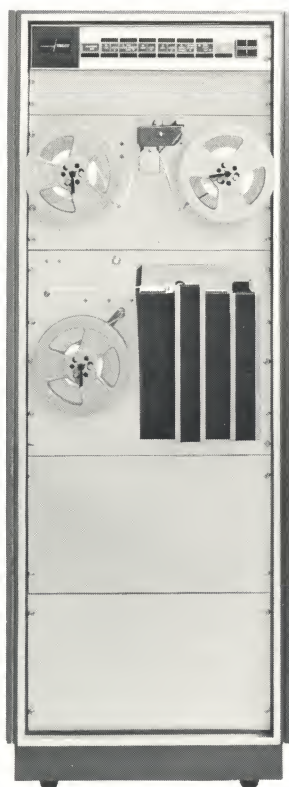
No operator need be present to send or receive data with the System 311. It answers incoming calls, verifies that an authorized transmitter or receiver is calling, and sends or receives the data. At completion, it hangs up the call and turns itself off. This capability permits a central data processing facility to handle communications during nonworking hours and have the data processed by the following morning.

When used in conjunction with System 111 transmitters, System 211 receivers, or with another System 311 terminal, the unique error detection and control capabilities are provided. When transmitting data tapes with parity included, the System 311 will stop only if the receiver signals an error. It then instantly reverses the data tape to a "block" character and retransmits that block of data. Conversely, while receiving, if the System 311 detects a punching error, it will insert a flag character in the tape and signal the transmitter to reverse and retransmit that portion of the tape.

The resultant "flagged" blocks of data may be removed from the tape during a subsequent off-line duplicate edit operation on the System 311. Alternately, the computer or printout machine may be programmed to skip between error flag and block characters.

Specifications—System 311

Speed—1200 words per minute (120 characters per second).

Code Requirements—Any code format may be used. For operation of the retransmit feature, either an odd parity or an even parity code format must be used.

Block Character—Any customer-specified character. Typically, a "skip restore" or "print restore" function is used. (Recognized as "Punch On".) Thirty characters minimum between block characters.

Flag Character—Any customer-specified character. Typically a "take skip" or "non print". (Recognized as "Punch Off".)

Tape Requirements—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Tape Handling—Reader—Supply and takeup for up to 750 feet of tape on 7½-inch plastic reels. Supply reel unwinds counterclockwise, take-up winds counterclockwise. Tape feeds through the reader from right to left, when facing the system, with the narrow three-hole edge of the tape out.

Tape Handling—Perforator—Supply of 1,000 feet of tape, take-up for 750 feet. Take-up reel winds clockwise. Narrow, three-hole edge of the tape is out.

Power Requirements—115 volt AC ± 10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—22 inches wide, 61 inches high, and 23 inches deep. Weight approximately 370 pounds.

Data Set Required—Bell System 202C-2 or equivalent. On private lines, requires 202D-2 or equivalent.

Compatible Systems—101, 201, 301, without error control; 111, 211, 311 with error control.

OPTIONS:
1. Ability to receive from any 60 or 75 character-per-second Tally transmitter.
2. Overseas package including 230 volt, 50 cycle power and 600/1200 Baud Speed Selector.
3. Parity forming on five level tape.
4. Automatic block code generating.
5. 3000 foot perforator tape supply.

Specifications Subject to Change Without Notice.

TALLY

The Tally System 600 is a tape conversion unit available in three basic configurations: Paper tape to magnetic tape, magnetic tape to paper tape, or bidirectional conversion, at speeds up to 120 characters per second. Optional code translation, parity checking, special formating and character insertion and tape duplication features are available to make this a versatile and indispensable auxiliary unit for data processing centers where both paper and magnetic tapes are handled.

TALLY®

SYSTEM 600 MAGNETIC TAPE/PAPER TAPE CONVERTER

In any three of the basic configurations, the System 600 converter is available with these options:

Code conversion between 5 level Baudot coding and magnetic tape.

Code conversion between any paper tape code and magnetic tape.

Parity checking of the paper tape and/or magnetic tape.

Adjustable record length control.

Selective recording of data on magnetic or paper tape.

Special formating and character insertion.

Plugboard routing of certain characters for special handling.

Paper tape to paper tape duplication, with or without code translation.

Special requirements will be handled on request.

Specifications — System 600

Speed—Up to 120 characters per second.

Tape Requirements—Paper—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Tape Requirements—Magnetic—Standard ½ inch tape on 2400 foot NARTB reels.

Tape Handling—Paper Tape Reader—Supply and take-up for up to 750 feet of tape on 7½-inch plastic reels. Supply reel unwinds counterclockwise, take-up winds counterclockwise. Tape feeds through the reader from right to left, when facing the system, with the narrow three-hole edge of the tape toward you.

Tape Handling—Perforator—Supply holds 1000 feet of tape. Take-up reel holds up to 1000 feet and winds clockwise, when facing the panel, with the narrow three-hole edge of the tape toward you.

Tape Handling—Magnetic Transport—10½ inch NARTB reels holding 2400 feet of magnetic tape. Rewind time is less than three minutes.

Power Requirements—115 volt AC $\pm$ 10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—System is generally installed in one or more cabinets measuring 22 inches wide, 61 inches high, and 23 inches deep.

Compatible Systems—System 600 will accept tapes from any Tally communication system and nearly all types of tape preparation devices. Magnetic tapes are compatible with most standard computers.

Specifications Subject to Change Without Notice.

TALLY

The Tally System 700 is a highly versatile data center for bidirectional conversion of data between paper and magnetic tape and data transmitting or receiving on either paper or magnetic tape. It handles data at the rate of 60 to 120 characters per second, and is available with a wide range of optional features.

TALLY

SYSTEM 700 MAGNETIC TAPE / PAPER TAPE DATA CENTER

Error detection and retransmission during communications.

Parity check of the paper tape and/or magnetic tape.

Adjustable record length control.

Selective recording of data on magnetic or paper tape.

Special formating and character insertion.

Plugboard routing of certain characters for special handling.

Paper tape to paper tape duplication, with or without code translation.

Special requirements will be handled on request.

Specifications — System 700

Speed—Up to 120 characters per second.

Tape Requirements—Paper—Five or eight level tape meeting proposed ASA specifications for paper tape. Tape may be paper, paper-Mylar sandwich, or aluminum-Mylar sandwich of any color or opacity.

Tape Requirements—Magnetic—Standard ½ inch tape on 2400 foot NARTB reels.

Tape Handling—Paper Tape Reader—Supply and take-up for up to 750 feet of tape on 7½ inch plastic reels. Supply reel unwinds counterclockwise, take-up winds counterclockwise. Tape feeds through the reader from right to left, when facing the system, with the narrow three-hole edge of the tape toward you.

Tape Handling—Perforator—Supply holds 1000 feet of tape. Take-up reel holds 750 feet and winds clockwise, when facing the panel, with the narrow three-hole edge of the tape toward you.

Tape Handling—Magnetic Transport—10½ inch NARTB reels holding 2400 feet of magnetic tape. Rewind time is less than three minutes.

Power Requirements—115 volt AC ± 10 volts, 60 cycle. Requires a separate three-wire grounded receptacle.

Dimensions—System is generally installed in one or more cabinets measuring 22 inches wide, 61 inches high, and 23 inches deep.

Data Set Required—Bell System 402C-2, or 402D-2, or 202C-2, or equivalent.

Compatible Systems—System 700 will receive tape from any Tally data transmitter. Additionally, tapes prepared on most paper tape preparation devices are acceptable to the System 700. Magnetic tapes are compatible with most standard computers.

Specifications Subject to Change Without Notice.

Six basic configurations are available: (1) Receive data on magnetic tape, (2) send data on magnetic tape, (3) send and receive data on magnetic tape, (4) receive data on magnetic tape and/or convert paper tape to magnetic tape, (5) send data from magnetic tape and/or convert magnetic tape to paper tape, (6) send or receive data on magnetic tape and/or convert paper and magnetic tapes interchangeably.

Many options are available, including:

Code conversion between 5 level Baudot coding and magnetic tape. (While sending or receiving if desired.)

Code conversion between any paper tape code and magnetic tape. (While sending or receiving if desired.)

TALLY

TALLY CORPORATION, 1310 MERCER ST., SEATTLE, WASHINGTON 98109
PHONE 206/624-0760, TWX 910-444-2039, CABLE ADDRESS TALLY SEATTLE WASHINGTON

SYSTEMS PRICE LIST

Effective May 1, 1966

This supersedes all previous price lists

600 WORD PER MINUTE SYSTEMS

MONTHLY RENTAL (includes service)

TRANSMITTERS

	Purchase	3 Yr.	2 Yr.	1 Yr.
SYSTEM 100—Requires 402A or 402C Data Set or equivalent	$ 600	$ 20.00	$ 25.00	$ 30.00
SYSTEM 102—Unattended operation. Requires 402C Data Set or equivalent .	720	25.00	30.00	35.00
SYSTEM 108—Unattended operation. Retransmit capability for error control. Requires 402C-2 Data Set or equivalent	960	30.00	35.00	40.00

RECEIVERS

	Purchase	3 Yr.	2 Yr.	1 Yr.
SYSTEM 200—Requires 402D Data Set or equivalent. Includes reeling . .	1965	60.00	65.00	75.00
Options:				
Stand-up floor console	150	6.50	7.00	7.50
3000 foot tape supply	375	16.00	17.50	19.00
SYSTEM 220—Controls unattended transmitter or receives unattended. Requires 402D Data Set or equivalent. Includes reeling . . .	2935	95.00	110.00	120.00
Options:				
Error detection	500	18.00	20.00	22.00
Stand-up floor console	150	6.50	7.00	7.50
3000 foot tape supply	375	16.00	17.50	19.00
SYSTEM 228—Detects errors and controls retransmission from unattended transmitter. Requires 402D-2 Data Set or equivalent. Includes reeling	3880	125.00	145.00	160.00
Options:				
Stand-up floor console	150	6.50	7.00	7.50
3000 foot tape supply (Requires stand-up floor console) .	375	16.00	17.50	19.00

COMBINATION TRANSMIT/RECEIVE SYSTEMS

	Purchase	3 Yr.	2 Yr.	1 Yr.
SYSTEM 300—Post punch error detection. Off line tape duplication. Requires 402C and 402D Data Sets or equivalent. Includes reeling . .	5070	175.00	200.00	220.00

SPECIAL SYSTEMS

MAGNETIC TAPE/PAPER TAPE CONVERSION SYSTEMS

	BASIC PRICE	LEASE PRICE (Includes Service) 3 Yr.	5 Yr.
SYSTEM 600—Built to customer specifications. Features available include: paper to magnetic and magnetic to paper tape conversion; any code to any code translation; variable length to fixed length record conversion; tape duplication; parity checking; speeds to 120 characters per second	$19,200	$810.00	$590.00
SYSTEM 700—Same as System 600 with addition of data communications. Transmits from paper or magnetic tape. Receives on paper or magnetic tape. Speeds to 120 characters per second . . .	24,600	1035.00	755.00

TALLY

BUSINESS COMMUNICATION SYSTEMS PRICE LIST

1200 WORD PER MINUTE SYSTEMS

MONTHLY RENTAL (includes service)

TRANSMITTERS

	Purchase	3 Yr.	2 Yr.	1 Yr.
SYSTEM 101—Unattended operation. Requires 202C-2 Data Set or equivalent. Includes reeling	1540	55.00	60.00	65.00
Options:				
Stand-up floor console	150	6.50	7.00	7.50
Foreign installation features including 230 volt, 50 cycle power and 600/1200 Baud speed selection	150	6.50	7.00	7.50
SYSTEM 111—Unattended operation. Retransmit capability for error control. Requires 202C-2 Data Set or equivalent. Includes reeling	2040	70.00	75.00	85.00
Options:				
Stand-up floor console	150	6.50	7.00	7.50
Foreign installation features including 230 volt, 50 cycle power and 600/1200 Baud speed selection	150	6.50	7.00	7.50
Parity forming	600	20.00	22.00	25.00
Block code generating	600	20.00	22.00	25.00

RECEIVERS

	Purchase	3 Yr.	2 Yr.	1 Yr.
SYSTEM 201—Unattended operation. Requires 202C-2 Data Set or equivalent. Includes reeling	4520	155.00	165.00	180.00
Options:				
Stand-up floor console	150	6.50	7.00	7.50
600 or 750 words per minute receive capability	75	3.50	3.75	4.00
Foreign installation features including 230 volt, 50 cycle power and 600/1200 Baud speed selection	150	6.50	7.00	7.50
3000 foot perforator tape supply (Requires stand-up floor console)	375	16.00	17.50	19.00
SYSTEM 211—Unattended operation. Detects errors and controls retransmission. Requires 202C-2 Data Set or equivalent. Includes reeling	5200	180.00	205.00	225.00
Options:				
Stand-up floor console	150	6.50	7.00	7.50
600 or 750 words per minute receive capability	75	3.50	3.75	4.00
Foreign installation features including 230 volt, 50 cycle power and 600/1200 Baud speed selection	150	6.50	7.00	7.50
3000 foot perforator tape supply (Requires stand-up floor console)	375	16.00	17.50	19.00

COMBINATION TRANSMIT/RECEIVE SYSTEMS

	Purchase	3 Yr.	2 Yr.	1 Yr.
SYSTEM 301—Unattended operation, send or receive. Off line tape duplication. Requires 202C-2 Data Set or equivalent. Includes reeling	6520	230.00	250.00	270.00
Options:				
600 or 750 words per minute receive capability	75	3.50	3.75	4.00
Foreign installation features including 230 volt, 50 cycle power and 600/1200 Baud speed selection	150	6.50	7.00	7.50
3000 foot perforator tape supply	375	16.00	17.50	19.00
Typewriter-tape perforation and printing (155 wpm)	2800	125.00	110.00	95.00
SYSTEM 311—Unattended operation, send or receive. Sender has retransmit capability for error control. Receiver detects errors and controls retransmission. Off line tape duplication and editing. Requires 202C-2 Data Set or equivalent. Includes reeling	7190	245.00	265.00	295.00
Options:				
600 or 750 words per minute receive capability	75	3.50	3.75	4.00
Foreign installation features including 230 volt, 50 cycle power and 600/1200 Baud speed selection	150	6.50	7.00	7.50
Parity forming	600	20.00	22.00	25.00
Block code generation	600	20.00	22.00	25.00
3000 foot perforator tape supply	375	16.00	17.50	19.00
Typewriter-tape perforation and printing (155 wpm)	2800	125.00	110.00	95.00

Prices subject to change without notice

Service
- All lease prices include service.
- Nationwide service is provided through the EDPS Department of the RCA Service Company. In addition, Tally maintains a data communications test center in Seattle for on line testing. This test service is available free to all Tally systems customers.
- On purchased systems, Tally offers a service contract after expiration of the warranty period. Terms are quoted on request.

Installation
- All Tally systems are installed at no charge to the customer, whether leased or purchased.

Option to Purchase
- The customer may purchase his equipment at any time during the life of a rental contract. The portion of the previously paid monthly rentals which shall apply toward the purchase price is as follows:
- Up to 3 months . . . . 80% of rental paid
- Between 3 and 6 months . . . . 80% of first three months rent plus 50% of all other rent paid.
- After 6 months . . . . 65% of first six months rent plus 25% of all other rent paid.

Total credit for previously paid rentals shall not exceed 75% of the purchase price of the system.

SEATTLE WASH.
APR 25 '66
U.S. POSTAGE
≈.20
P.B. MERER 800 30

TALLY

TALLY CORPORATION ● 1310 MERCER STREET ● SEATTLE, WASHINGTON 98109

TO:

T. Nelson
Systems Consultant
Box 1546
Poughkeepsie, N.Y. 12603

FIRST CLASS MAIL